Cypress™

Cypress Tech Talk

April 20, 2021



















Agenda

- Software Updates
 - Cypress 6.x Annual Update
 - Community Suggested Features and Bug Fixes
- Recent Issue
 - Cypress Known Issues Dashboard
- Cypress Versions
- Open Discussion
- Contact Information

^{*}See the Glossary at the back for definitions of terms

Software Updates

Cypress 6.x (Annual Update)

Cypress 6.x

- For the 2022 Reporting and Performance Period
- Release will be 2021 and 2022 compatible
- 2021 bundle (for the 2022 reporting period) can be loaded alongside the the 2020 bundle (for the 2021 reporting period)

Release Schedule

- Preview will be available as a VM (Virtual Machine) May 2021
- Final Release will be available in all release formats Summer 2021

Software Updates

Community Suggested Features and Bug Fixes

UI Updates

- Ability to view calculation results for subpopulations when filtering Vendor and Master Patient Lists (<u>CYPRESS-2218</u>)
- Ability to view Measure Observation calculations in patient lists, and individual patient calculations (<u>CYPRESS-2236</u>)
- Removed caching of Vendor Patients which hid updates to uploaded patients (<u>CYPRESS-2212</u>)
- Validation progress displayed for long running tests
- Validation Updates
 - CVU+ Reporting Period validation updated for CMS529 to reflect CMS Guidance (<u>CYPRESS-2230</u>)
- API Updates
 - Hosting of API Documentation on Cypress Web Server
 - API method to view Cypress Version (<u>CYPRESS-2068</u>)
 - API methods to run CMS/HL7 Schematron validation (<u>CYPRESS-2041</u>, <u>CYPRESS-2133</u>)
- VM Updates
 - VM repackaged without with compressed disks to support VMWare users on Windows OS (<u>CYPRESS-2207</u>)

Software Updates

View Measure Observations

- Ability to view Measure Observation calculations in patient lists, and individual patient calculations (<u>CYPRESS-2236</u>)
 - Observed values can be seen in the patient details view. Multiple values from different measurements may be observed in a single episode. The view may also show values from different episodes for the same patient.

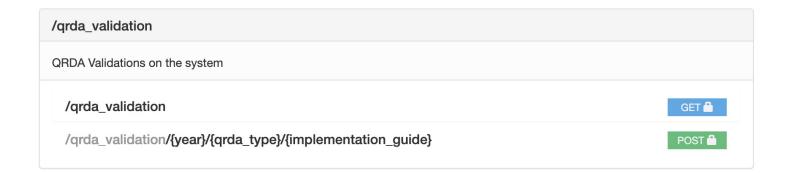


Similar observed values can also be seen in the patient list summary view.



Software Updates Validation API

- API methods to run CMS/HL7 Schematron validation (<u>CYPRESS-2041</u>, <u>CYPRESS-2133</u>)
 - Adds validation endpoint that can be used to post QRDA artifacts for only program-based schematron validation as was available in the previous CVU tool
 - Provides validation information as a QRDA validation json response



URI Parameters

- Performance Period: required (string)
- QRDA Types (I or III): required (string)
- Implemenation Guide (CMS or HL7): required (string)

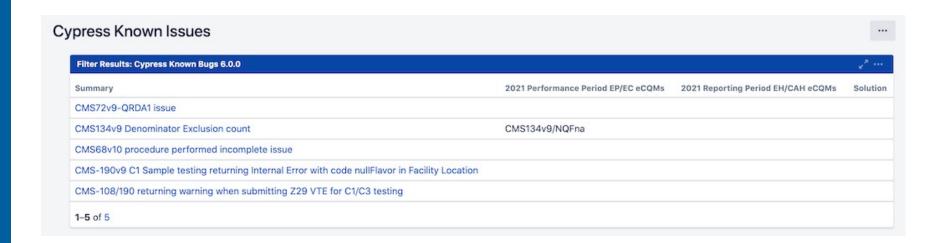
Form Parameters

file: required (file)
 Artifact to be tested

Recent Issue

Cypress Known Issues Dashboard

- https://oncprojectracking.healthit.gov/support/secure/Dashboard.jspa ?selectPageId=18000
- The dashboard collects all labeled known issues in one place, sorted by Cypress version
- Easily navigate to the dashboard from the Cypress summary page



Cypress Versions

Version	Dates	Measures Supported
V5.4.2	September 17, 2020	Latest version supporting eCQMs for the 2020 Reporting/Performance Period and CQL. Contains updates to support telehealth checking.
V6.1.1	January 6, 2021	Update to CVU+ calculations to fix valueset negations.
V6.1.2	February 11, 2021	Updates to support new schematron and MIPS APM Entity for the 2021 reporting/performance period eCQMs.

Bundle Version	Dates	Features
2019.2.0	September 17, 2020	Cypress v5 only CQL-based measures released in 2019 for the 2020 reporting year. Contains updates for ELM issues found in CMS128v8, CMS146v8, and CMS56v8.
2020.0.4	October 15, 2020	Cypress v6 only CQL-based measures released in 2020 for the 2021 reporting year. Updated patients to use relevant dateTime or relevant period, as appropriate.
2020.0.5	February 19, 2021	Cypress v6 only Calculations for Master Patient List updated to reflect updated guidance for Relevant dateTime/Relevant Period and addresses issues with time zone offsets.

OPEN DISCUSSION

Next Cypress Tech Talk

- Tuesday, May 4, 2021 at 1pm ET
- To join online, visit: https://global.gotomeeting.com/join/529898157
- To join via phone, dial: 1-646-749-3122
- Meeting Number: 529 898 157
- Meeting link, as well as a calendar event file, available at:
 - https://www.healthit.gov/cypress/techtalks.html

Notes

- Completed Webinars will be posted on the Cypress website on the Tech Talks tab
 - https://www.healthit.gov/cypress/techtalks.html
- Send questions and feedback to the Cypress Talk List at
 - project-cypress-talk@googlegroups.com
- Report bugs and issues to the Cypress JIRA at
 - https://oncprojectracking.healthit.gov/support/browse/CYPRESS

Glossary

- API Application Programming Interface
- CQL Clinical Quality Language
- CVU Cypress Validation Utility
- CVU+ Cypress Validation Utility Plus Calculation Check
- EC Eligible Clinician
- eCQM Electronic Clinical Quality Measure
- EH Eligible Hospital
- EP Eligible Professional
- HL7 Health Level Seven International
- IG Implementation Guide
- QPP Quality Payment Program
- QRDA Quality Reporting Document Architecture
- UMLS Unified Medical Language System